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Canada Alberta

Partnership Agreement in Forestry
Entente d'association en foresterie

LIST OF REPORTS

PUBLISHED UNDER

**CANADA-ALBERTA FOREST RESEARCH
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FY 1985 - 1990

AND

**CANADA-ALBERTA PARTNERSHIP
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**REPORTS PUBLISHED UNDER THE CANADA-ALBERTA FOREST
RESEARCH DEVELOPMENT AGREEMENT (FRDA) FY 1985-1990**

Rpt. no.	Title	Author(s)
1	Value added opportunities for Alberta lodgepole pine solid wood products. 1985.	Woodland Resource Services
2	Evaluation of kiln drying characteristics of 8/4 aspen lumber in commercial kiln. 1986.	E. Wengert - Virginia Polytechnic Inst. & State U.
3	World market pulp demand with special reference to eucalyptus. 1986.	Woodbridge, Reed and Associates
6	Improving fibre utilization in the aspen structural panelboard industry. 1986.	H.A Simons (Int'l) Ltd.
7	Study of chemithermomechanical pulp (CTMP) production potential for Alberta. 1986.	Ekono Consultants Ltd.
8	The continuing challenge: competition and new products in the world forest products market. 1986.	T. Steele, T. Williamson - CFS
9	Outlook for the treated lumber market. 1986.	D.G. Bell & Assoc. Inc.
11	Testing of Alberta spruce and pine laminated beams. 1986.	D. Himmelfarb - Western Archrib
12	Dimensional stabilization of wood products using chemical impregnation. 1986.	B. Bains - Wood Research Ltd.
14	Forest sector secondary industry development study. 1986.	D.G. Bell & Assoc. Inc.
15	Variability of MSR lumber in tension. 1986.	C. Lum - Forintek Canada
16	Review of pulping and papermaking properties of aspen. 1987.	A. Wong - Arbokem Inc.
17	1986 site preparation--Donaren 180D powered disk trencher Sinkkila HMF scarifier. 1987.	D.Gibbard - AFS; B. Sutherland - ForCan
18	Risk management in forest planning. 1987.	W. Dempster, N. Stevens - W.R. Dempster & Assoc.
22	Aspen shingles and shakes in Alberta. 1988.	Foal Enterprises Inc.
23	Spruce budworm in the Footner Lake Forest: a status report. 1988.	P. Amirault, H. Gates, S. Niederleitner
24	Preparation of pulps from sound Alberta aspen and balsam poplar by various processes. 1987.	P. Thomas - Econotech Services Ltd.
25	Dimensional stabilization: state-of-the-art review. FP 2.4.1. 1987.	Alberta Research Council

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Rpt. no.	Title	Author(s)
26	Isocyanates (M.D.I.) FP 2.2.1. 1987.	Alberta Research Council
27	Oriented strandboard (OSB) optimization. FP 2.1.1. 1987.	Alberta Research Council
28	Alberta aspen vs. black poplar wood quality differences. 1987.	M. Micko - U of A
29	Coatings and embossed panels. FP 2.5.1. 1987.	Alberta Research Council
30	Aspen vs. black poplar differences. Phase I - waferboard/OSB. FP 2.6.1. 1987.	Alberta Research Council
31	Stressed skin panels. FP 2.3.1. 1987.	Alberta Research Council
32	Machine stress rating panel products. 1987.	Alberta Research Council
33	Report on cement-bonded particleboard, its applications and a preliminary assessment of a plant to be located in Alberta. 1987.	Ligna Technologies Ltd.
34	Ring flaked maxi-chips: the manufacture, testing and evaluation of composite board made from Alberta woods. 1987.	Morrison-Knudsen Forest Products Co. Ltd.
35	Proceedings of the workshop on wood-plastic composites. 1988.	B.W. Karaim, T. Szabo
36	Biogeoclimatic ecosystem classification of the forestry portion of southwestern Alberta. 1987.	B. Sivak - AFS
37	Comparison of balsam and aspen poplar trees in Alberta. 1987.	N. Cyr, J. Laidler - Alberta Research Council
39	Market study fir cement/gypsum bonded particleboard. 1988.	D.G. Bell & Assoc. Inc.
40	Pacific rim markets for forest products in the 1990's: economic assessment of demand and supply. 1987.	B. Gellner - U of A
41	Preliminary assessment of impulse radar to detect decay in hardwood. 1988.	Canpolar Inc.
42	Interim progress report : tree improvement applied research and technology transfer. 1988.	Alberta Forest Service
43	Application of scanning and imaging techniques to assess decay and wood quality in logs and standing trees. 1988.	J.Hailey, P. Morris - Forintek Canada Corp.
44	Potential for enzymatic lignin-based adhesives: state-of-the-art review. 1988.	P. Steiner, et al. - Forintek Canada Corp.
45	Utilization and marketing opportunities for Alberta aspen solid wood products. 1988.	E. Wengert - Virginia Polytech. Inst. & State U.
46	On-line system for board product quality control. 1988.	G. Byers - Pelican Spruce Mills

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Rpt. no.	Title	Author(s)
48	Birch supply, lumber potential and cost in Alberta. 1988.	Jasper Millworks Ltd; Woodland Resource Services Ltd.
49	A tutorial for grading aspen, birch, and other Canadian hardwoods. 1988.	E. Wengert - Virginia Polytech. Inst. & State U.
50	Status of balsam (black) poplar utilization in waferboard/OSB production. 1988.	F. Pfaff - Forintek Canada Corp.
51	Development opportunities for an Alberta plywood plant. 1988.	Woodbridge, Reed & Associates Ltd.
52	Westlam: glue laminated wooden beams product acceptance and market development. 1988.	J. Fargey - Western Archrib
53	Shingles and shakes from Alberta jack pine and aspen. 1988.	Silvacom Ltd.
54	Alberta economic timber supply analysis, final report. 1988.	J. Beck, Jr., et al. - U of A
56	Management and utilization of northern mixedwoods: proceedings of a symposium ... 1988. (NOR-X-296)	J.K. Samoil, ed. - NoFC
57	Proceedings from the geographic information systems conference: Forestry GIS - the next step. 1988.	N. Ferguson, ed. - A/FLW
59	Innovations for hardwood utilization: catalysed organsolv pulping and saccharification. 1986.	L. Paszner - Int'l Biomass Refining Consultants Inc.
60	Laboratory produced CTMP from various blends of aspen, spruce and pine wood finishes. 1988.	Econotech Services Ltd.
61	A business opportunity and market study of value added paper manufacturing in the province of Alberta: Volume I. 1987.	Ekono Consultants Ltd.
62	Development of the 7S-3000 stressed skin panel building system, detailed report. 1988.	Seven S Structures Inc.
63	Biotechnological modification of lignin. 1989.	Alberta Research Council
64	Overwintering container seedlings using underground heat. 1988.	T. Ellis, A. Fedkenheur - Noval Enterprises
65	Pest distribution and impact in young lodgepole pine stands in west-central Alberta. 1989.	P. Amirault, B. Pope - ForCan
66	Testing of laminated timber joists. 1988.	D. Himmelfarb - Western Archrib

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REPORTS PUBLISHED UNDER THE CANADA-ALBERTA FORESTRY RESOURCE DEVELOPMENT AGREEMENT (FRDA) FY 1985-1990

Rpt. no.	Title	Author(s)
67	Application of laser technology for the manufacture of children's furniture using Alberta forest products - Phase II. 1989.	T. Tekle - TEK Woodworks
68	Using density profilometer for quality and consistency measurements in MDF manufacturing. 1989.	M. Gibbon - Blue Ridge Lumber ; T. Tundak - Recom Engineering Ltd.
70	Detection of heart rot voids in trees using stress wave analysis. 1989.	Engineering Data Mgt. Inc.
71	Effect of scarf joints on bending properties of laminated veneer lumber. 1989.	Forintek Canada Corp.
72	Decay levels in mature aspen stands: Whitecourt, Alberta. 1989.	G. Maier, D. Darrah - AFS
74	A technical and economic evaluation of using the WSTIWOOD process to manufacture aspen billiard cues in Alberta. 1989.	Cuecorp Ltd.
75	Refinement and mill trial of a new moisture tolerant plywood adhesive system. 1989.	P. Steiner, et al. - Forintek Canada Corp.
76	Development of lab model of automated visual lumber grading system. 1989.	VisionSmart Inc.
77	Market study on the competitiveness of the Seven-S building system. 1989.	Seven S Structures Inc.
81	Dimensional stabilization, summary report. 1990.	Alberta Research Council
82	Duration of load. 1990.	Alberta Research Council
83	Fire retardancy. 1990.	Alberta Research Council
84	Market acceptance. 1990.	Alberta Research Council
85	Mixed species. 1990.	Alberta Research Council
86	The Canada-Alberta wetlands drainage and improvement for forestry program. 1990.	G. Hillman, J. Johnson - ForCan ; S. Takyi - A/FLW
87	Destructive testing of stressed skin panels. 1990.	Alberta Research Council
88	An economic analysis of wood supply from private land in Alberta. 1990.	M. Messmer, et al. - U of A
89	Forest pest management and damage appraisal, final report. 1990.	P. Amirault - ForCan

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**REPORTS PUBLISHED UNDER THE CANADA-ALBERTA FOREST
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Rpt. no.	Title	Author(s)
90	Forest yield predictions: risk modeling and simulation. 1990.	T. Singh - ForCan
91	Juvenile furniture from Alberta pine and aspen. 1989.	H.P.C. Construction
92	Short term technical assistance. 1990.	Alberta Research Council
93	Promotions and presentations. 1990.	Alberta Research Council
94	Testing of laminated timber crossarms. 1990.	J. Fargey, et al. - Western Archrib
95	Tree improvement applied research and technology transfer. 1990.	Alberta Forest Service
96	Materials handling. 1990.	Alberta Research Council
97	Environmental impacts of vegetation management by mechanical and chemical (hexazinone) methods including residue chemistry. 1990.	S. Sidhu, J. Feng - ForCan, NoFC

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**REPORTS PUBLISHED UNDER THE CANADA-ALBERTA
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Rpt. no.	Title	Author(s)
101	Timber-harvesting techniques that protect conifer understory in mixedwood stands: case studies. 1992.	E.A. Sauder - FERIC ; ForCan
102	Protecting white spruce understories when harvesting aspen - progress report. 1992.	Brace Forest Services ; ForCan, NoFC
103	Directory of primary wood-using industries in Alberta - 1992.	C.R. Bamsey ; ForCan
104	Directory of secondary wood-using industries in Alberta - 1992.	R.S. Brommeland - Technology Brokers ; R. Bohning - ForCan, NoFC
105	An economic evaluation of forward looking infrared (FLIR) technology to enhance aerial suppression of forest fires in Alberta. 1993.	P. Woodard, W. Adamowicz, O. Bolster ; ForCan, NoFC
106	Identification and evaluation of aspen decay and stain in CTMP pulping. 1993.	K. Hunt - Paprican ; ForCan, NoFC
107	Extreme value analysis of wind gusts in Alberta. 1993.	T. Flesch, J. Wilson ; ForCan, NoFC
108	Alberta : growing for the future - Proceedings ... Forestry Industry Outlook conference, Oct 22, 1993.	MediaMatch Communications, compiler
109	Northern Forestry Centre, woodlot extension library, publications list, July 1994.	Canadian Forest Service, NoFC - D. Triggs, comp.
110	A study of the economic importance of the forest sector in Alberta. 1994.	Ernst & Young ; CFS, NRCan, NoFC
111	Chipping roadside debris with the Bruks Chipper in west-central Alberta. 1994. (FERIC SR-91)	J. Hunt - FERIC ; NRCan, CFS, NoFC
112	Synopsis of information on white, engelmann, and black spruce natural regeneration in North America. 1994.	E. Peterson, et al. - Western Eco. Serv. Ltd. ; NRCan, CFS, NoFC
113	At-the-stump and roadside log processing in Alberta: a comparison. 1994. (FERIC SR-96)	D. Araki - FERIC; CFS, NRCan
114	Forward Looking Infrared (FLIR) utilization in aerial fire suppression operations. 1994.	H. MacAulay - H.F. MacAulay Aerial Attack Services; CFS, NoFC

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**MISCELLANEOUS REPORTS PUBLISHED UNDER THE CANADA-ALBERTA
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Rpt.	Title	Author(s)
A	Marketing timber: from private land in Alberta. 1993.	Koinonia Corporation
B	Aspen woodlot feasibility study. 1994.	D.A. Westworth & Assoc.
C	Mapping: how we use our land. 1994.	M. Robinson; T. Garvin; G. Hodgson; CFS, NoFC

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Rpt. no.	Title	Author(s)
115	Pilot manufacture & testing of laminated veneer lumber from sunpine veneer. 1994.	Alberta Research Council. Forestry
116	Identification and evaluation of aspen decay and stain in RMP and CTMP pulping. 1994.	K. Hunt - Paprican
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*	Miscellaneous Reports	
D	Conservation and logging on private land in Alberta. 1994.	Byron Grundberg ; D.S. Vanderwel - Alberta Environmental Protection

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